

Arthropleuridae of Zittel.¹ These, however, were tuberculated forms, while *Amphipeltis* has a smooth test.

Among the marine Isopods *Cerolana concharum*, Harger, has a pleon similar to this fossil.²

EXPLANATION OF PLATE II. (PART).

Fig. 6.—*Amphipeltis paradoxus*, Salt. Mag. 7. Posterior part of the body, showing five segments, Plant Bed No. 2, Lower Cordaite Shales, Lancaster, N.B. See page 274.

Fig. 7.—*Eurymartus latus*, n. sp. Mag. 7. Under side of the body with some of the limbs preserved. Same locality and horizon. See page 275.

Fig. 8.—*Eurymartus*, sp. ? Mag. 7. Seven segments of the body. Plant Bed No. 8, Lower Cordaite Shale, Lancaster, N.B. See page 277.

Fig. 9.—*Eurymartus (?) spinulosus*. Mag. 7. Nine segments of the abdomen. Plant Bed No. 2, Lower Cordaite Shale, Lancaster, N.B. See page 274.

Fig. 10.—*Podurites saltator*, n. sp. Mag. 7. Head, thorax and abdomen. Same horizon and locality. See page 273.

¹ Treatise on Paleontology, vol. II., p. 602.

² U. S. Commission, Fish and Fisheries, Report, 1878 (1880). Pl. ix., fig. 55, and pl. x., fig. 59.